

## MORE STORIES FROM GRAPHS

Name: \_\_\_\_\_ Period: \_\_\_\_\_

### Part I

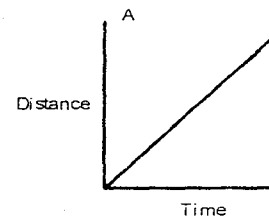
The following graphs represent different trips Jessie has made walking to and from school. All distances are measured as distances from home.  $D = 0$  is at her home and  $t = 0$  is her starting time.

1) What did she do to create a graph that looks like this?

Explain:

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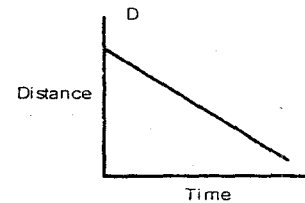


2) What did she do to create a graph that looks like this?

Explain:

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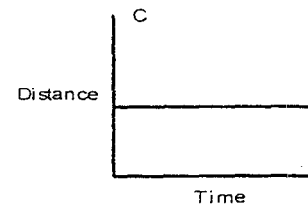


3) What did she do to create a graph that looks like this?

Explain:

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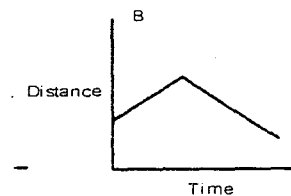


4) What did she do to create a graph that looks like this?

Explain:

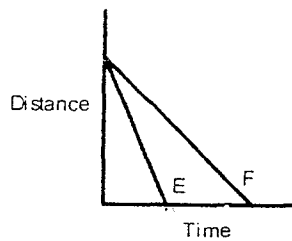
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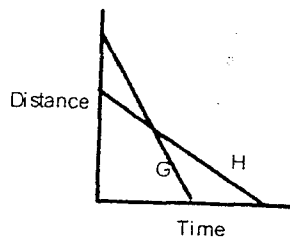


## Part II

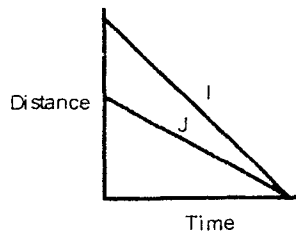
1. Analyze this graph. Which student is walking faster—E or F? EXPLAIN HOW YOU KNOW!!!



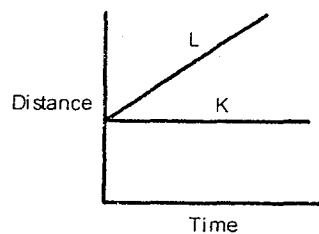
2. Analyze this graph. Which student, G or H starts further away? \_\_\_\_\_ Explain what the intersection of the two lines means?



3. Analyze this graph. Explain, IN DETAIL, the trips of students I and J.



4. Analyze this graph.



- a. Describe the similarities between the trips of student K and L.
- b. Describe the differences between the trips of student K and L.

